

IMPA TIMBADECK SB SEALER

ISSUED DATE: JUNE 2016 Rev 1

Impa Timbadeck SB Sealer is a high performance, translucent satin finish for exterior decks. This hybrid high solids formulation offers optimum protection, ultimate durability and a beautiful furniture-like appearance with the simplicity of a one-product, three-coat application. The signature **Impa Timbadeck SB Sealer** look is another example of the advancements central to the Impa Next Wave Technology

Impa Timbadeck SB Sealer obtains a deep penetration into the timber which is the key into the timber and the foundation for the film building process, which provides UV and weather protection.

PRODUCT INFORMATION

Product Code: FS2142
Colour: Clear
Appearance: Suede
Shelf life: 12 Months
Packaging: 1L & 5L

FEATURES

- High Performance for Exterior Wood
- For Decks, Lattice, Railings and Benches
- Superior quality **Impa SB Timbadeck Sealer** looks like a varnish but does not behave like a varnish
- It has an exceptionally high degree of UV resistance and special agents to prevent against dry rot, surface insect and fungal attack
- **Impa SB Timbadeck Sealer** is micro-porous allowing the timber to breathe and moisture to evaporate.
- Excellent wind, water, pollution and salt spray protection.
- Low-build characteristic for a smooth and attractive matt surface.
- Penetrates deeply to nourish wood.
- Non-toxic when dry
- Does not affect glue
- Bio-degrades at the end of its life cycle
- Excellent **flow** and **leveling** properties
- **Impa Mouldtech™** antibacterial, fungal and algae protection
- **Apeo, formaldehyde** and **ammonia** free

DRYING TIME

Touch dry time: 4 Hour at 23°C

Recoating Time: 24 Hours at 23°C

Full cure: 4-7 Days depending on temperature

APPLICATION

Roller & Brush: Ready for use. (Mohair roller)

Spray: Thin up to 5% with mineral Turpentine

CAUTION: Surfaces are slippery when wet. Use caution when walking on wet surfaces during application.

Test wood for absorbency by sprinkling water on the surface – if water is absorbed within 30 sec. to 2 minutes, depending on climate, the surface is ready for finishing. If water is not absorbed, wait 30 days and re-test.

- Before starting, test your colour choice on a small area
- Buy sufficient product for the whole job and intermix all product together before starting to avoid colour variance.
- Stir before and periodically during application.
- Do not thin
- Do not apply in direct sunlight, if rain, snow, heavy dew or low temperatures below (4°C) are expected within 48 hours.
- Apply with a high quality china bristle brush
- First coat must be applied to all six sides, saturating all end grains, nail holes and cracks in the wood
- Apply an even coat, in the direction of the wood grain, avoiding heavy application. Maintain a wet edge to avoid lap marks
- Thin first coat with 10 % on volume with Mineral Turpentine for better penetration.
- Wait 24 hours between first, second and third coat.
- **THREE COAT APPLICATIONS IS RECOMMENDED FOR OPTIMAL PERFORMANCE.**

SURFACE PREPARATION

GENERAL SURFACE PREPARATION: All wood surfaces must be thoroughly clean, dry and free of dirt, grease, grime, mildew, mill glaze and previous coatings before applying **Impa SB Timbadeck Sealer**

Cleaning Recommendations:

- Spray all wood surfaces with clean water, completely wetting the wood.
- Generously apply a cleaning solution of (115) grams of 100% powdered Tri-Sodium Phosphate (TSP) or phosphate-free substitute with one (1) liter of liquid bleach and three (3) liter of water to the wood surfaces with a garden sprayer or a heavy nap roller cover.
- Let the solution dwell on the wood for 15-20 minutes as you scrub the surface with a hard bristle brush to help remove mill glaze or weathering. **Do not allow solution to dry on the wood surface.**
- Power wash cleaning solution from the wood with plenty of clean fresh water using 500-800 psi with the nozzle 20 -25 cm from the surface for full effectiveness of the cleaning and to prevent damage to the wood.
- Allow the surface to dry for 48 hours, or to have a moisture content of 18% or less before finishing.
- All horizontal surfaces must be sanded sing 60-80 grit sandpaper. **Always sand in the direction of the wood grain and remove sanding dust.**
- **Impa Timbadeck SB Sealer** should be applied within one week of preparation for horizontal surfaces (decks)

NEW WOOD- Clean and prepare all wood surfaces as specified under **GENERAL SURFACE PREPARATION**. Pressure treated wood must be properly seasoned, dry with a moisture content of 18% or less and free of salts and other water soluble materials before applying stain. Water-repellent treated lumber requires one year minimum of weathering prior to cleaning and application.

EXOTIC HARDWOOD – Belau, Rhodesian Teak, Garapa or Iroko wood exhibit a dense cell structure the ability of a coating to penetrate the wood surface. Clean and prepare all wood surfaces as specified under **GENERAL SURFACE PREPARATION**. Immediately prior to applying coating, wipe surface with acetone.

WEATHERED UNCOATED WOOD – Clean and prepare surface as specified under **GENERAL SURFACE PREPARATION**.

PREVIOUSLY COATED WOOD – Previous stains, varnishes or sealers must be completely and thoroughly removed Remove by sanding /using paint stripper. Neutralise paint stripper according to manufacturer`s instructions, prior to application **Impa Timbadeck SB Sealer**. After removal of previous coatings, clean and prepare surface as specified under **GENERAL SURFACE PREPARATION**. **WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.**

CLEANING

Mineral Turpentine.

MIXING

Stir until homogeneous

Stir occasionally during use

PRECAUTIONS

- Application should be avoided in cold and moist weather conditions.
- **Do Not** apply the product at surface temperatures below 6°C (minimum of 2°C above dew point) and temperatures above 40°C
- **Do Not** apply if ambient temperature is less than 10°C or more than 40°C.
- **Do Not** apply if relative humidity temperature is less than 10°C or more than 85. °C
- Be sure that the timber is dry.
- Treat and grain of timber to prevent moisture penetrating.
- Stir well and occasionally during use.
- For maximum protection, apply 3 coats.
- Do not overcoat with paints and vanishes
- **Allow full cure (see above) before traffic on horizontal surfaces**

NOTE: Tannin containing woods such as redwood, red cedar, mahogany, douglas fir, etc. Contain tannic acid which tends to migrate the surface and discolour the stain, especially noticeable when using white or light colours. The discoloration is not harmful and can usually be removed. Apply a cleaning solution of four 250gram of oxalic acid to 5 liter of warm water using a garden sprayer or a heavy nap roller cover. Allow solution to dwell on surface for 20 minutes the thoroughly rise with clean water. **DO NOT ALLOW** solution to dry on wood surface.

TECHNICAL DATA

Flashpoint: 35°C
Viscosity: 20-25 SFC/F4/23°C
S.G (weight): 0,89 – 0,92kg/l

Solids per volume: 46-48%
Solids per mass: 52 – 54%
Practical Spreading rate (depending on porosity): 12m²/L per coat
Recommended finishing coats: 3

Environmental Health & Safety Information

WARNING! IRRITANT! HARMFUL IF SWALLOWED.

CONTAINS: SOLVENTS.

MAY CAUSE EYE, NOSE AND THROAT IRRITATION.

AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST.

WEAR EYE PROTECTION AND PROTECTIVE CLOTHING.

USE ONLY WITH ADEQUATE VENTILATION. DANGER - Rags, steel wool or waste soaked with THIS PRODUCT may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

To avoid breathing vapours and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. **FIRST AID:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

CAUTION: KEEP OUT OF REACH OF CHILDREN AND ANIMALS - DO NOT TAKE INTERNALLY.

Refer to Material Safety Data Sheet for additional health and safety information.

IN CASE OF FIRE: Use foam, CO₂, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of as specified under Thinning/Clean-up.

† **WARNING!** If you scrape, sand or remove old paint, you may release lead dust.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance. As technology may change over time we reserve the right to change products to keep up with changes in raw materials or product trends without pre notice. Although we will always prevail to keep clients informed about changes to be made, but cannot bind ourselves to such notes Please ensure the use of the latest Technical Data Sheet.

Please note: that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.impa.co.za. All information listed is owned or used under licence of Impa Paints and its related companies. © 2010 Lurama 149 (Pty) Ltd. All rights is reserved.